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C:\Program Files\Stnexp\Queries\10089013.str
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```
chain nodes : 18 19 20 21
ring nodes:
1 2 3 4 5 6 7 8 9 10 11
                                   12 13 14 15
chain bonds:
   2-11 13-18 18-19 18-20 20-21
ring bonds :
   1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 8-15 9-10 9-13 10-11 11-12 13-14
   14-15
exact/norm bonds :
   1-2 1-6 2-3 2-11 3-4 4-5 5-6 8-15 9-13 13-14 13-18 14-15 18-19 18-20 20-21
normalized bonds:
   7-8 7-12 8-9 9-10 10-11 11-12
isolated ring systems :
   containing 1 : 7 :
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G1:C,O,N

Match level: 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 12:Atom 13:Atom 14:Atom 15:Atom 18:CLASS 19:CLASS 20:CLASS 21:Atom Generic attributes : 21: Saturation : Unsaturated

#### 10/089013

=> s 11

SAMPLE SEARCH INITIATED 12:40:26 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED -338 TO ITERATE

100.0% PROCESSED

338 ITERATIONS

16 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS:

5657 TO

7863

PROJECTED ANSWERS:

80 TO

560

16 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 12:40:34 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 6709 TO ITERATE

100.0% PROCESSED

6709 ITERATIONS

281 ANSWERS

SEARCH TIME: 00.00.02

L3

281 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

. 148.55

148.76

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 12:40:45 ON 06 MAY 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 6 May 2003 VOL 138 ISS 19 FILE LAST UPDATED: 5 May 2003 (20030505/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4

7 L3

=> d 14 1-7 bib abs

```
ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS
L4
AN
        2002:736250 CAPLUS
DN
        137:263062
        Preparation of piperazines as 5-HT1b receptor antagonist for the treatment
TI
        of depression
        Thompson, Mervyn; Wyman, Paul Adrian
IN
                                                                         Later
        Smithkline Beecham P.L.C., UK
PA
SO
        PCT Int. Appl., 24 pp.
        CODEN: PIXXD2
DT
        Patent
LA
        English
FAN.CNT 1
        PATENT NO.
                                              DATE
                                                                       APPLICATION NO.
                                    KIND
                                                                                                    DATE
ΡI
        WO 2002074764
                                      Α2
                                               20020926
                                                                       WO 2002-EP2632
                                                                                                    20020311
        WO 2002074764
                                      Α3
                                               20021114
               W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
                     AE, AG, AL, AM, AI, AU, AZ, BA, BB, BG, BR, BI, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
                     TJ, TM
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PRAI GB 2001-6419
                                     Α
                                             20010315
os
        MARPAT 137:263062
GΙ
```

AB Title compds. I [Ra = R1(R2)bP2-(R3)cP3- where P2 = Ph, naphthyl, heteroaryl, etc. and P3 = Ph, naphthyl, heteroaryl and R1 = NR4COR5, NR4SO2R5, CH2NR4SO2R5, etc. and R2, R3 = halo, alkyl, cycloalkyl, etc; Rb = H, halo, alkyl, etc.; Rc = H, alkyl; R4, R5 = H, alkyl; b, c = 0-3; Y = single bond, CH2, NH; W = CH=CH, -(CR9R10)t- where t = 2-4 and R9, R10 = H, alkyl] and their pharmaceutically acceptable salts were prepd. For

example, coupling of cis-6-(3,5-dimethylpiperazin-1-yl)-5-methoxyindoline, e.g., prepd. from 1-acetyl-6-bromo-5-methoxyindoline in 3-steps, and Me 4-(6-acetamido-2-methylpyridin-3-yl)benzoate afforded piperazine II in 82% yield. In radioligand binding assays, all examples tested were found to have a pKi > 7.0 at 5-HTlb receptors with many demonstrating a pKi in the higher range of 8.0-8.5. All examples tested were found to have a greater than a 10-fold selectivity over 5-HTld receptors and a greater than 50-fold selectivity over other binding sites within the CNS, in particular, other 5-HT receptor subtypes and dopaminergic receptors. Many examples were found to have a greater than a 30-fold selectivity over 5-HTld receptors and a greater than 80-fold selectivity over other binding sites.

461658-03-7P, cis-1-[4-(6-Acetamido-2-methylpyridin-3-yl)benzoyl]-

IT 461658-03-7P, cis-1-[4-(6-Acetamido-2-methylpyridin-3-yl)benzoyl]-6-(3,5-dimethylpiperazin-1-yl)-5-methoxyindoline 461658-04-8P, cis-1-(4'-Acetamido-2'-methylbiphenyl-4-carbonyl)-6-(3,5-dimethylpiperazin-1-yl)-5-fluoroindole 461658-05-9P 461658-06-0P 461658-07-1P 461658-08-2P 461658-09-3P 461658-10-6P 461658-11-7P 461658-12-8P 461658-13-9P 461658-14-0P 461658-15-1P 461658-16-2P 461658-17-3P 461658-18-4P 461658-19-5P 461658-20-8P 461658-21-9P 461658-22-0P 461658-23-1P 461658-24-2P 461658-25-3P 461658-26-4P 461658-27-5P 461658-28-6P 461658-29-7P RL: PAC (Pharmacological activity): SPN (Synthetic preparation): THU

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; prepn. of piperazines as 5-HTlb receptor antagonist for the treatment of depression)

RN 461658-03-7 CAPLUS

CN Acetamide, N-[5-[4-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1H-indol-1-yl]carbonyl]phenyl]-6-methyl-2-pyridinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-04-8 CAPLUS

CN Acetamide, N-[4'-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-1Hindol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]-, rel- (9CI) (CA INDEX
NAME)

RN 461658-05-9 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1[4-[2-methyl-6-[(methylsulfonyl)amino]-3-pyridinyl]benzoyl]-, rel- (9CI)
(CA INDEX NAME)

Relative stereochemistry.

RN 461658-06-0 CAPLUS

CN Acetamide, N-[5-[4-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1H-indol-1-yl]carbonyl]phenyl]-6-methyl-2-pyridinyl]-N-methyl-, rel- (9CI) (CA INDEX NAME)

RN 461658-07-1 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1-[4-[2-methyl-6-[methyl(methylsulfonyl)amino]-3-pyridinyl]benzoyl]-, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-08-2 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-2,3-dihydro-1-[4-[2-methyl-6-[methyl(methylsulfonyl)amino]-3-pyridinyl]benzoyl]-, rel-(9CI) (CA INDEX NAME)

RN 461658-09-3 CAPLUS

CN Acetamide, N-[4'-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-10-6 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1-[[2'-methyl-4'-[(methylsulfonyl)amino][1,1'-biphenyl]-4-yl]carbonyl]-, rel- (9CI) (CA INDEX NAME)

RN 461658-11-7 CAPLUS
CN Acetamide, N-[4'-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-2,3-dihydro-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-12-8 CAPLUS
CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-2,3-dihydro-1[[2'-methyl-4'-[(methylsulfonyl)amino][1,1'-biphenyl]-4-yl]carbonyl]-,
rel- (9CI) (CA INDEX NAME)

RN 461658-13-9 CAPLUS

CN Acetamide, N-[[4'-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-14-0 CAPLUS

CN Acetamide, N-[[4'-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methyl-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]methyl]-, rel-(9CI) (CA INDEX NAME)

RN 461658-15-1 CAPLUS

CN Acetamide, N-[[4'-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-2,3-dihydro-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-16-2 CAPLUS

CN Acetamide, N-[[4'-[[5-chloro-6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-17-3 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-1-[[2'-methyl-4'-[(methylsulfonyl)amino][1,1'-biphenyl]-4-yl]carbonyl]-, rel- (9CI) (CA INDEX NAME)

RN 461658-18-4 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-1-[4-[2-methyl-6-[methyl(methylsulfonyl)amino]-3-pyridinyl]benzoyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-19-5 CAPLUS

CN Acetamide, N-[[4'-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]methyl]-, rel- (9CI) (CA INDEX NAME)

RN 461658-20-8 CAPLUS

CN Acetamide, N-[[4'-[[5-chloro-6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]methyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-21-9 CAPLUS

CN Acetamide, N-[[4'-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-methyl-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]methyl]-, rel- (9CI) (CA INDEX NAME)

# 10/089013

RN 461658-22-0 CAPLUS

CN Acetamide, N-[5-[4-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-1H-indol-1-yl]carbonyl]phenyl]-6-methyl-2-pyridinyl]-N-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-23-1 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-2,3-dihydro-1-[4-[2-methyl-6-[(methylsulfonyl)amino]-3-pyridinyl]benzoyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-24-2 CAPLUS

CN Acetamide, N-[5-[4-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-2,3-dihydro-1H-indol-1-yl]carbonyl]phenyl]-6-methyl-2-pyridinyl]-, rel- (9CI) (CA INDEX NAME)

RN 461658-25-3 CAPLUS

CN Acetamide, N-[5-[4-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-2,3-dihydro-1H-indol-1-yl]carbonyl]phenyl]-6-methyl-2-pyridinyl]-N-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-26-4 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-2,3-dihydro-1-[[2'-methyl-4'-[methyl(methylsulfonyl)amino][1,1'-biphenyl]-4-yl]carbonyl]-, rel- (9CI) (CA INDEX NAME)

RN 461658-27-5 CAPLUS

CN Acetamide, N-[4'-[[6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-fluoro-2,3-dihydro-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]-N-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 461658-28-6 CAPLUS

CN Acetamide, N-[4'-[[2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]-, rel-(9CI) (CA INDEX NAME)

RN 461658-29-7 CAPLUS
CN Acetamide, N-[[4'-[[2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-1H-indol-1-yl]carbonyl]-2-methyl[1,1'-biphenyl]-4-yl]methyl]-, rel- (9CI) (CA INDEX NAME)

## 10/089013

- L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS
- AN 2001:561564 CAPLUS
- DN 135:236345
- TI SB-272183, a selective 5-HT1A, 5-HT1B and 5-HT1D receptor antagonist in native tissue
- AU Watson, J.; Roberts, C.; Scott, C.; Kendall, I.; Collin, L.; Day, N. C.; Harries, M. H.; Soffin, E.; Davies, C. H.; Randall, A. D.; Heightman, T.; Gaster, L.; Wyman, P.; Parker, C.; Price, G. W.; Middlemiss, D. N.
- CS Neuroscience Research and Department of Medicinal Chemistry, GlaxoSmithKline, New Frontiers Science Park, Essex, CM19 5AW, UK
- SO British Journal of Pharmacology (2001), 133(6), 797-806 CODEN: BJPCBM; ISSN: 0007-1188
- PB Nature Publishing Group
- DT Journal
- LA English
- A novel compd., SB-272183, has been shown to have high affinity for human AB 5-HT1A, 5-HT1B and 5-HT1D receptors with pKi values of 8.0, 8.1 and 8.7 resp. and is at least 30 fold selective over a range of other receptors. [35S]-GTP.gamma.S binding studies showed that SB-272183 acts as a partial agonist at human recombinant 5-HT1A, 5-HT1B and 5-HT1D receptors with intrinsic activities of 0.4, 0.4 and 0.8 resp., compared to 5-HT. SB-272183 inhibited 5-HT-induced stimulation of [35S]-GTP.gamma.S binding at human 5-HT1A and 5-HT1B receptors to give pA2 values of 8.2 and 8.5 resp. However, from [35S]-GTP.gamma.S autoradiog. studies in rat and human dorsal raphe nucleus, SB-272183 did not display intrinsic activity up to 10 .mu.M but did block 5-HT-induced stimulation of [35S]-GTP.gamma.S binding. From electrophysiol. studies in rat raphe slices in vitro, SB-272183 did not effect cell firing rate up to 1 .mu.M but was able to attenuate (+)8-OH-DPAT-induced inhibition of cell firing to give an apparent pKb of 7.1. SB-272183 potentiated elec.-stimulated [3H]-5-HT release from rat and guinea pig cortical slices at 100 and 1000 nM, similar to results previously obtained with the 5-HT1B and 5-HT1D receptor antagonist, GR 127935. Fast cyclic voltammetry studies in rat dorsal raphe nucleus showed that SB-272183 could block sumatriptan-induced inhibition of 5-HT efflux, with an apparent pKb of 7.2, but did not effect basal efflux up to 1 .mu.M. These studies show that, in vitro, SB-272183 acts as an antagonist at native tissue 5-HT1A, 5-HT1B and 5-HT1D receptors.
- IT 216058-27-4, SB 272183
  - RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
    - (SB-272183 as selective 5-HT1A and 5-HT1B and 5-HT1D receptor antagonist in native tissue)
- RN 216058-27-4 CAPLUS
- CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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T.4
     ANSWER 3 OF 7
                      CAPLUS COPYRIGHT 2003 ACS
     2001:247327
                   CAPLUS
AN
DN
     134:280860
TI
     Preparation of piperazine derivatives as 5-HT1B antagonists
TN
     Marshall, Howard; Thompson, Mervyn; Wyman, Paul Adrian
PA
     Smithkline Beecham P.L.C., UK
                                     APPS pct
SO
     PCT Int. Appl., 37 pp.
     CODEN: PIXXD2
DT
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LA
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                               DATE
                                                APPLICATION NO.
                                                                   DATE
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                               20020322
                                                NO 2002-1459
                                                                   20020322
PRAI GB 1999-22831
                         Α
                               19990925
     GB 2000-1936
                         Α
                               20000127
     GB 2000-13873
                         Α
                               20000607
     WO 2000-EP9442
                         W
                               20000921
     MARPAT 134:280860
OS
GI
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Piperazine derivs. I [Ra = RlaPl where Pl = Ph, naphthyl, heteroaryl and Rl = halo, alkyl, cycloalkyl, etc.; Rb = H, halo, OH, alkyl, etc.; Rc = H, alkyl; Rd, Re = alkyl; Y = bond, CH2, O, NR5; W = (CR9R10)t where t = 2-4 and R9 and R10 = H, alkyl or W = CH:CH], 5-HT1B antagonists, were prepd.. All examples tested in the radioligand binding assay were found to have a pKi > 7.3 at 5-HT1B receptors with many demonstrating a pKi in the higher range of 8.0-9.2. E.g., cis-5-methoxy-1-[4-(6-methylpyridin-2-yl)-1-

## 10/089013

Relative stereochemistry.

RN 332397-40-7 CAPLUS
CN 1H-Indole, 1-[(2,3-dichlorophenyl)acetyl]-6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-60-1 CAPLUS

CN 1H-Indole, 1-[(3-chloro-2-fluorophenyl)acetyl]-6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-62-3 CAPLUS

CN 1H-Indole, 5-fluoro-1-[[2-fluoro-3-(trifluoromethyl)phenyl]acetyl]-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-67-8 CAPLUS

CN 1H-Indole, 1-[(3-cyano-2-methylphenyl)acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-68-9 CAPLUS

CN 1H-Indole, 5-bromo-1-[[2-chloro-3-(trifluoromethyl)phenyl]acetyl]-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-89-4 CAPLUS

CN 1H-Indole-1-carboxamide, N-(2,3-dichlorophenyl)-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

MeO.

study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

naphthalenyl]carbonyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel-

BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of piperazine derivs. as 5-HT1B antagonists)

1H-Indole, 2,3-dihydro-5-methoxy-1-[[4-(6-methyl-2-pyridinyl)-1-

Relative stereochemistry.

(9CI)

332397-16-7 CAPLUS

(CA INDEX NAME)

RN

CN

RN 332397-21-4 CAPLUS
CN 1H-Indole, 2,3-dihydro-5-methoxy-1-[[5-(6-methyl-2-pyridinyl)-1-naphthalenyl]carbonyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

RN

332397-29-2 CAPLUS
1H-Indole, 1-(2,3-dichlorobenzoyl)-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME) CN

Relative stereochemistry.

RN332397-30-5 CAPLUS

CN1H-Indole, 2,3-dihydro-5-methoxy-1-[[2'-methyl-4'-(5-methyl-1,2,4oxadiazol-3-yl) [1,1'-biphenyl]-4-yl]carbonyl]-6-[(3R,5S)-3,4,5-trimethyl-1piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-32-7 CAPLUS

CN 1H-Indole, 2,3-dihydro-5-methoxy-1-[(3-nitrophenyl)acetyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-35-0 CAPLUS

CN Quinoline, 1,2,3,4-tetrahydro-6-methoxy-1-[[4-(6-methyl-2-pyridinyl)-1-naphthalenyl]carbonyl]-7-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel-(9CI) (CA INDEX NAME)

RN 332397-39-4 CAPLUS

CN 1H-Indole, 1-[[2-fluoro-3-(trifluoromethyl)phenyl]acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-41-8 CAPLUS

CN 1H-Indole, 1-[(3-chloro-2-fluorophenyl)acetyl]-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

## 10/089013

RN 332397-42-9 CAPLUS

CN 1H-Indole, 1-[(2,3-difluorophenyl)acetyl]-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-43-0 CAPLUS

CN 1H-Indole, 1-[(2,3-dichlorophenyl)acetyl]-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-44-1 CAPLUS

CN 1H-Indole, 2,3-dihydro-1-[[2-(trifluoromethyl)phenyl]acetyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-45-2 CAPLUS

CN 1H-Indole, 1-[(2,3-dichlorophenyl)acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

10/089013

RN 332397-46-3 CAPLUS

CN 1H-Indole, 2,3-dihydro-5-methoxy-1-[[2-(trifluoromethyl)phenyl]acetyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-47-4 CAPLUS

CN 1H-Indole, 1-[(3-chloro-2-fluorophenyl)acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-48-5 CAPLUS

CN 1H-Indole, 1-[(2,3-difluorophenyl)acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-50-9 CAPLUS
CN 1H-Indole, 5-chloro-2,3-dihydro-1-[[4-(6-methyl-2-pyridinyl)-1-naphthalenyl]carbonyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-51-0 CAPLUS
CN 1H-Indole, 1-[[4-(2,6-dimethyl-3-pyridinyl)-1-naphthalenyl]carbonyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-52-1 CAPLUS

CN 1H-Indole, 1-[[4-(3,6-dimethylpyrazinyl)-1-naphthalenyl]carbonyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-53-2 CAPLUS

CN 1H-Indole, 1-[[4-(1,6-dihydro-1-methyl-6-oxo-3-pyridinyl)-1-naphthalenyl]carbonyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

ŔŊ 332397-54-3 CAPLUS

CN1H-Indole, 1-[[2-fluoro-3-(trifluoromethyl)phenyl]acetyl]-2,3-dihydro-5methyl-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN

332397-55-4 CAPLUS
1H-Indole, 1-[(2-chloro-3-fluorophenyl)acetyl]-2,3-dihydro-5-methoxy-6-CN[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-56-5 CAPLUS

CN 1H-Indole, 1-[(2-bromo-3-fluorophenyl)acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-57-6 CAPLUS

CN 1H-Indole, 1-[(2-bromo-3-chlorophenyl)acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-58-7 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-1-[[2-fluoro-3-(trifluoromethyl)phenyl]acetyl]-2,3-dihydro-5-methoxy-, rel-(9CI) (CA INDEX NAME)

RN 332397-59-8 CAPLUS

CN 1H-Indole, 1-[[2-chloro-3-(trifluoromethyl)phenyl]acetyl]-6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-61-2 CAPLUS

CN 1H-Indole, 1-[[2-chloro-3-(trifluoromethyl)phenyl]acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-63-4 CAPLUS

CN 1H-Indole, 1-[[3-fluoro-2-(trifluoromethyl)phenyl]acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-64-5 CAPLUS

CN 1H-Indole, 1-[(3-chloro-2-cyanophenyl)acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-65-6 CAPLUS

CN 1H-Indole, 1-[(2-acetyl-3-chlorophenyl)acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-66-7 CAPLUS

CN 1H-Indole, 1-[(3-bromo-2-methylphenyl)acetyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-69-0 CAPLUS

CN 1H-Indole, 5-acetyl-1-[[2-chloro-3-(trifluoromethyl)phenyl]acetyl]-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-70-3 CAPLUS

CN 1H-Indole, 2,3-dihydro-5-methoxy-1-[[1-phenyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]carbonyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-71-4 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1-[[2'-methyl-4'-(2-oxo-1-pyrrolidinyl)[1,1'-biphenyl]-4-yl]carbonyl]-, rel-(9CI) (CA INDEX NAME)

RN 332397-72-5 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1-[[2'-methyl-4'-(5-methyl-1,2,4-oxadiazol-3-yl)[1,1'-biphenyl]-4yl]carbonyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-73-6 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1-[4-[2-methyl-6-(2-oxo-1-pyrrolidinyl)-3-pyridinyl]benzoyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-74-7 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1-[[4-(6-methyl-2-pyridinyl)-1-naphthalenyl]carbonyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-75-8 CAPLUS

CN 1H-Indole-5-carbonitrile, 1-[[2-chloro-3-(trifluoromethyl)phenyl]acetyl]-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-76-9 CAPLUS

CN Benzamide, 3-[2-[2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-1H-indol-1-yl]-2-oxoethyl]-2-methyl-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-77-0 CAPLUS

CN 1H-Indole, 2,3-dihydro-5-methoxy-1-[[4-(1-methyl-4-piperidinyl)-1-naphthalenyl]carbonyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel-(9CI) (CA INDEX NAME)

RN 332397-78-1 CAPLUS
CN 1H-Indole, 2,3-dihydro-5-methoxy-1-[[4-(4-piperidinyl)-1-naphthalenyl]carbonyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-79-2 CAPLUS
CN 1H-Indole, 1-[[2-chloro-3-(trifluoromethyl)phenyl]acetyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-80-5 CAPLUS

CN 1H-Indole, 1-[[2-fluoro-3-(trifluoromethyl)phenyl]acetyl]-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-81-6 CAPLUS

CN 1H-Indole-1-carboxamide, N-(2,3-dichlorophenyl)-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-82-7 CAPLUS

CN 1H-Indole, 5-methoxy-1-[[4-(6-methyl-2-pyridinyl)-1-naphthalenyl]acetyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-83-8 CAPLUS
CN 1H-Indole, 1-[(3-chloro-2-fluorophenyl)acetyl]-6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-methoxy-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-84-9 CAPLUS
CN 1H-Indole, 1-[(2,3-dichlorophenyl)acetyl]-6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-5-methoxy-, rel- (9CI) (CA INDEX NAME)

RN 332397-85-0 CAPLUS

CN 1H-Indole, 5-fluoro-1-[[2-fluoro-3-(trifluoromethyl)phenyl]acetyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-86-1 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[4-(6-methyl-2-pyridinyl)-1-naphthalenyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-87-2 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[5-(6-methyl-2-pyridinyl)-1-naphthalenyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-88-3 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[5-(2-methyl-5-oxazolyl)-1-naphthalenyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-90-7 CAPLUS

CN 1H-Indole-1-carboxamide, N-(3-chloro-2-fluorophenyl)-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-91-8 CAPLUS

CN 1H-Indole-1-carboxamide, N-[3-fluoro-2-(trifluoromethyl)phenyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-92-9 CAPLUS

CN 1H-Indole-1-carboxamide, N-[2-chloro-3-(trifluoromethyl)phenyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-93-0 CAPLUS

CN 1H-Indole-1-carboxamide, N-(2-chloro-3-methylphenyl)-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-94-1 CAPLUS

CN 1H-Indole-1-carboxamide, N-[2-chloro-3-(trifluoromethyl)phenyl]-2,3-dihydro-5-methyl-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-95-2 CAPLUS

CN 1H-Indole-1-carboxamide, N-(2,3-dichlorophenyl)-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-96-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-N-(2,3-dichlorophenyl)-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

RN 332397-97-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-(2,3-dichlorophenyl)-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-98-5 CAPLUS

CN 1H-Indole-1-carboxamide, N-(2,3-dichlorophenyl)-5-ethyl-2,3-dihydro-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332397-99-6 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[2-(trifluoromethyl)phenyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel-(9CI) (CA INDEX NAME)

RN 332398-00-2 CAPLUS

CN 1H-Indole-1-carboxamide, N-[2-fluoro-3-(trifluoromethyl)phenyl]-2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332398-01-3 CAPLUS

CN 1H-Indole-1-carboxamide, N-[2-chloro-3-(trifluoromethyl)phenyl]-2,3-dihydro-5-methoxy-3,3-dimethyl-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332398-02-4 CAPLUS

CN 1H-Indole-1-carboxylic acid, 2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, 2-chloro-3-(trifluoromethyl)phenyl ester, rel-(9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 332398-03-5 CAPLUS

CN 1H-Indole-1-carboxamide, N-[2-chloro-3-(trifluoromethyl)phenyl]-5-methyl-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

IT 332398-22-8P 332398-39-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of piperazine derivs. as 5-HT1B antagonists)

RN 332398-22-8 CAPLUS

CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-4-(phenylmethyl)-1-piperazinyl]-2,3-dihydro-5-methoxy-1-[[4-(6-methyl-2-pyridinyl)-1-naphthalenyl]carbonyl]-, rel- (9CI) (CA INDEX NAME)

RN 332398-39-7 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[[2,3-dihydro-5-methoxy-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-1H-indol-1-yl]carbonyl]-1-naphthalenyl]-, 1,1-dimethylethyl ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

IT 332399-40-3P 332399-42-5P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of piperazine derivs. as 5-HT1B antagonists)

RN 332399-40-3 CAPLUS

CN 1H-Indole, 1-[[2-chloro-3-(trifluoromethyl)phenyl]acetyl]-6-[(3R,5S)-3,4,5-trimethyl-1-piperazinyl]-, hydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

●x HCl

RN 332399-42-5 CAPLUS

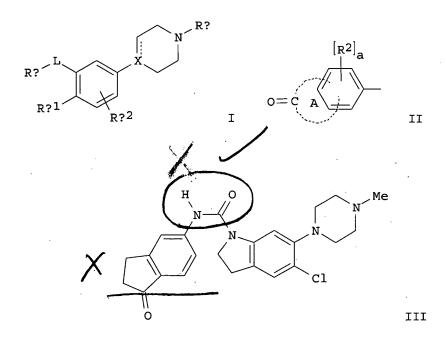
CN 1H-Indole, 6-[(3R,5S)-3,5-dimethyl-1-piperazinyl]-2,3-dihydro-5-methoxy-1[4-[2-methyl-6-(2-oxo-1-pyrrolidinyl)-3-pyridinyl]benzoyl]-,
hydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

•x HCl

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS L4AN 1999:388165 CAPLUS DN 131:31956 TI Preparation of arylpiperazines and arylpiperidines as combined 5-HT1A, 5-HT1B and 5-HT1D receptor antagonists IN Gaster, Laramie Mary; Wyman, Paul Adrian PA SmithKline Beecham PLC, UK SO PCT Int. Appl., 28 pp. CODEN: PIXXD2 DT Patent English LΑ FAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE ΡI WO 9929666 A1 19990617 WO 1998-EP7803 19981201 W: CA, JP, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE PRAI GB 1997-25931 19971205 os MARPAT 131:31956 GI



The title compds. [I; Ra = II (wherein A = (un) substituted 5-7 membered carbocyclic ring fused at the 2,3- or 3,4-positions of the adjacent Ph ring, the ring A being optionally fused to a further (un) substituted Ph ring; R2 = halo, alkyl, cycloalkyl, etc.; a = 0-2); L = YC(0)DG, C(0)DG, DGC(0) (Y = NH, NR5 where R5 = alkyl, or Y = CH2, O; D = N, C, CH; G = H, alkyl providing that D = N or CH, or G together with Rb1 forms (CR16R17)t (where t = 2-4 and R16, R17 = H, alkyl), etc.); X = N, C; Rb1, Rb2 = H, halo, OH, etc.; Rc = H, alkyl], useful in the treatment of CNS disorders such as depression, were prepd. Thus, treatment of 5-amino-1-indanone with triphosgene in the presence of Et3N in CH2Cl2 followed by addn. of

5-chloro-6-(4-methylpiperazin-1-yl)indoline afforded 76% III which showed pKi of > 7.5 at 5-HT1A, 5-HT1B and 5-HT1D receptors.

IT 227026-95-1P 227026-96-2P 227026-97-3P

227026-98-4P 227026-99-5P 227027-00-1P

227027-01-2P 227027-02-3P 227027-03-4P

227027-04-5P 227027-05-6P 227027-06-7P

227027-07-8P 227027-08-9P 227027-09-0P

227027-10-3P 227027-11-4P 227027-12-5P 227027-13-6P 227027-14-7P 227027-15-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of arylpiperazines and arylpiperidines as combined 5-HT1A, 5-HT1B and 5-HT1D receptor antagonists)

RN 227026-95-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-N-(2,3-dihydro-1-oxo-1H-inden-5-yl)-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 227026-96-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-5-oxo-2-naphthalenyl)- (9CI) (CA INDEX NAME)

RN 227026-97-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-(2,3-dihydro-1-oxo-1H-inden-5-yl)-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 227026-98-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-5-oxo-2-naphthalenyl)- (9CI) (CA INDEX NAME)

RN 227026-99-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-(2,3-dihydro-3-oxo-1H-inden-5-y1)-2,3-dihydro-6-(4-methyl-1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 227027-00-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-N-(2,3-dihydro-3-oxo-1H-inden-5-yl)-2,3-dihydro-6-(4-methyl-1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

HC1

RN 227027-01-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-8-oxo-2-naphthalenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

HCl

RN 227027-02-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-8-oxo-2-naphthalenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

HCl

RN 227027-03-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(9-oxo-9H-fluoren-2-yl)- (9CI) (CA INDEX NAME)

RN 227027-04-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(9-oxo-9H-fluoren-3-yl)- (9CI) (CA INDEX NAME)

RN 227027-05-6 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-5-oxo-2-naphthalenyl)- (9CI) (CA INDEX NAME)

RN 227027-06-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-5-oxo-1-naphthalenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 227027-07-8 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-5-oxo-1-naphthalenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 227027-08-9 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-5-oxo-1-naphthalenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

HCl

RN 227027-09-0 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-(2,3-dihydro-3-oxo-1H-inden-5-yl)-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 227027-10-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-N-(2,3-dihydro-3-oxo-1H-inden-5-yl)-2,3-

dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 227027-11-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-8-oxo-2-naphthalenyl)- (9CI) (CA INDEX NAME)

RN 227027-12-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-8-oxo-2-naphthalenyl)- (9CI) (CA INDEX NAME)

RN 227027-13-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-5-oxo-1-naphthalenyl)- (9CI) (CA INDEX NAME)

RN 227027-14-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-5-oxo-1-naphthalenyl)- (9CI) (CA INDEX NAME)

RN 227027-15-8 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-(5,6,7,8-tetrahydro-5-oxo-1-naphthalenyl)- (9CI) (CA INDEX NAME)

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L4
     ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS
ΑN
     1998:745030 CAPLUS
DN
TI
     Indole derivatives having combined 5HT1A, 5HT1B, and 5HT1D receptor
     antagonist activity
     Gaster, Laramie Mary; Rami, Harshad Kantilal; Wyman, Paul Adrian
IN
PA
     Smithkline Beecham PLC, UK
SO
     PCT Int. Appl., 119 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     English
FAN.CNT 1
     PATENT NO.
                      KTND
                            DATE
                                           APPLICATION NO.
                                           ______
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                                           WO 1998-EP2262
PΙ
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                                                             19980414
                       A1
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             KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
             NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
             UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
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             CM, GA, GN, ML, MR, NE, SN, TD, TG
                                          AU 1998-74310
     AU 9874310
                            19981127
                                                             19980414
                       A1
     AU 732863
                       В2
                            20010503
     EP 975593
                                           EP 1998-921462
                       A1
                            20000202
                                                             19980414
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE; MC, PT,
             IE, SI, FI
                                            JP 1998-547660
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                       T2
                            20011127
                                                             19980414
                                           BR 1998-9092
     BR 9809092
                       Α
                            20020122
                                                             19980414
     ZA 9803242
                       Α
                            19991018
                                            ZA 1998-3242
                                                             19980417
     NO 9905065
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                            19991015
                                           NO 1999-5065
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                                           MX 1999-9583
                                                             19991018
PRAI GB 1997-7829
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     GB 1998-1882
                       Α
                            19980129
     WO 1998-EP2262
                       W
                            19980414
os
     MARPAT 130:13915
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$$\begin{array}{c} R? \\ N \\ X \\ R?YCD \\ W \\ R? & I \end{array}$$

$$Q = \begin{array}{c} (R^2)_{\mathfrak{m}} \\ P^1 \\ R^1 \end{array}$$

AB The title compds. I [Ra is a group of formula Q, in which P1 is Ph, bicyclic aryl, a 5- to 7-membered heterocyclic ring contg. 1 to 3 heteroatoms selected from oxygen, nitrogen and sulfur, or a bicyclic heterocyclic ring contg. 1 to 3 heteroatoms selected from oxygen, nitrogen and sulfur; R1 = H, halo, C1-6alkyl, C3-6cycloalkyl, COC1-6alkyl,

C1-6alkoxy, hydroxy, hydroxyC1-6alkyl, hydroxyC1-6alkoxy, C1-6alkoxyC1-6alkoxy, C1-6alkanoyl, nitro, trifluoromethyl, cyano, SR9, SOR9, SO2R9, SO2NR1OR11, CO2R10, CONR1OR11, CO2NR1OR11, CONR10(CH2)cCO2R11, (CH2)cNR10R11, (CH2)cCONR10R11, (CH2)cNR10COR11, (CH2)cCO2C1-6alkyl, CO2(CH2)cOR10, NR10R11, NR10CO2R11, NR10CONR10R11, CR10:NOR11, NR10COOR11, CNR10:NOR11, where R10 and R11 are independently hydrogen or C1-6alkyl and c is 1 to 4; R2 = H, halo, C1-6alkyl, C3-6cycloalkyl, C3-6cycloalkenyl, C1-6alkoxy, acyl, aryl, acyloxy, hydroxy, nitro, trifluoromethyl, cyano, CO2R10, CONR10R11, NR10R11 where R10 and R11 are as defined for R1; a is 1, 2 or 3; or Ra is a group contg. bridged rings; Y = NH, alkylamino, CH2, O; V = O, S; D = N, C, CH; W = (CR16R17)t where t = 2-4 and R16 and R17 = H, alkyl, etc.; Rb = H, halo, OH, etc.; Rc = H, alkyl] were prepd. and their 5HT1A,, 5HT1B, and 5HT1D receptor binding detd. E.g., 5-methoxy-6-(4-methylpiperazin-1-yl)indole was treated with KOCMe3, then with 4-bromo-3-methylphenyl isocyanate to give 1-[(4-bromo-3-methylphenyl)aminocarbonyl]-5-methoxy-6-(4methylpiperazin-1-yl)indole.

TТ 216058-19-4P 216058-20-7P 216058-21-8P 216058-22-9P 216058-23-0P 216058-24-1P 216058-25-2P 216058-26-3P 216058-27-4P 216058-28-5P 216058-29-6P 216058-30-9P -216058-31-0P 216058-32-1P 216058-33-2P 216058-34-3P 216058-35-4P 216058-36-5P 216058-37-6P 216058-38-7P 216058-39-8P 216058-40-1P 216058-41-2P 216058-42-3P 216058-43-4P 216058-45-6P 216058-46-7P 216058-47-8P 216058-48-9P 216058-49-0P 216058-53-6P 216058-54-7P 216058-55-8P 216058-56-9P 216058-57-0P 216058-58-1P 216058-59-2P 216058-60-5P 216058-61-6P 216058-62-7P 216058-63-8P 216058-64-9P 216058-65-0P 216058-66-1P 216058-67-2P 216058-68-3P 216058-69-4P 216058-70-7P 216058-71-8P 216058-72-9P 216058-73-0P 216058-74-1P 216058-75-2P 216058-76-3P 216058-77-4P 216058-78-5P 216058-79-6P 216058-80-9P 216058-81-0P 216058-82-1P 216058-83-2P 216058-84-3P 216058-85-4P 216058-86-5P 216058-87-6P 216058-88-7P 216058-89-8P 216058-90-1P 216058-91-2P 216058-92-3P 216058-93-4P 216058-94-5P 216058-95-6P 216058-96-7P 216058-97-8P 216058-98-9P 216058-99-0P 216059-00-6P 216059-01-7P 216059-02-8P 216059-03-9P 216059-04-0P 216059-05-1P 216059-06-2P 216059-07-3P 216059-08-4P 216059-09-5P 216059-10-8P 216059-11-9P 216059-12-0P 216059-13-1P 216059-14-2P 216059-15-3P 216059-16-4P 216059-17-5P 216059-18-6P 216059-19-7P 216059-20-0P 216059-21-1P 216059-22-2P 216059-23-3P 216059-24-4P 216059-25-5P 216059-26-6P 216059-27-7P 216059-28-8P 216059-29-9P 216059-32-4P 216059-33-5P 216059-34-6P 216059-35-7P 216059-36-8P 216059-37-9P 216059-38-0P 216059-39-1P 216059-40-4P 216059-41-5P 216059-42-6P 216059-43-7P 216059-44-8P 216059-45-9P 216059-46-0P 216059-47-1P 216059-48-2P 216059-49-3P 216059-50-6P 216059-51-7P 216059-52-8P 216059-53-9P

216059-57-3P 216059-58-4P 216059-59-5P 216059-60-8P 216059-61-9P 216059-62-0P 216059-63-1P 216059-64-2P 216060-67-2P 216060-68-3P 216060-69-4P 216060-70-7P 216060-71-8P 216060-72-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of indole derivs. having combined 5HT1A, 5HT1B, and 5HT1D receptor antagonist activity)

RN 216058-19-4 CAPLUS

CN 1H-Indole-1-carboxamide, N-(4-bromo-3-methylphenyl)-5-methoxy-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-20-7 CAPLUS

CN 1H-Indole-1-carboxamide, N-(4-bromo-3-methylphenyl)-2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-21-8 CAPLUS

CN 1H-Indole-1-carboxamide, N-(2,3-dichloropheny1)-2,3-dihydro-5-methoxy-6-(4-methy1-1-piperaziny1)- (9CI) (CA INDEX NAME)

RN 216058-22-9 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216058-23-0 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-[5-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216058-24-1 CAPLUS

CN 1H-Indole-1-carboxamide, N-[2,3-dichloro-4-(4-pyridinyl)phenyl]-2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-25-2 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-5-quinolinyl- (9CI) (CA INDEX NAME)

RN 216058-26-3 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216058-27-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216058-28-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216058-29-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-30-9 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-[3-chloro-4-(4-pyridinyl)phenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-31-0 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methyl-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216058-32-1 CAPLUS

CN 1H-Indole-1-carboxamide, N-[3-chloro-4-(4-pyridinyl)phenyl]-2,3-dihydro-5-methyl-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-33-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-ethenyl-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\$$

RN 216058-34-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-ethyl-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216058-35-4 CAPLUS

CN 1H-Indole-1-carboxamide, N-[3-chloro-4-(4-pyridinyl)phenyl]-5-ethyl-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-36-5 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

RN 216058-37-6 CAPLUS

CN 1H-Indole-1-carboxamide, N-[3-chloro-4-(4-pyridinyl)phenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

RN 216058-38-7 CAPLUS

CN 1H-Indole, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-1-[[4-(4-pyridinyl)-1-naphthalenyl]acetyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} \\ \text{N} \\ \text{N} \\ \text{CH}_2 \\ \text{O} \\ \text{Me} \\ \end{array}$$

RN 216058-39-8 CAPLUS

CN 1H-Indole, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-1-[[5-(4-pyridinyl)-1-naphthalenyl]acetyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} \\ \text{N} \\ \text{N} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{O} \\ \end{array}$$

RN 216058-40-1 CAPLUS
CN 1H-Indole, 2,3-dihydro-6-(4-methyl-1-piperazinyl)-1-[[4-(4-pyridinyl)-1-naphthalenyl]acetyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

RN 216058-41-2 CAPLUS
CN 1H-Indole, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-1-[[4-(4-pyridinyl)-1-naphthalenyl]acetyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{C1} \\ \text{N} \\ \text{N} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{O} \\ \\ \text{Me} \\ \end{array}$$

RN 216058-42-3 CAPLUS
CN 1H-Indole, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-1-[[4-(4-pyridinyl)-1-naphthalenyl]acetyl]- (9CI) (CA INDEX NAME)

RN 216058-43-4 CAPLUS
CN 1H-Indole, 5-ethenyl-2,3-dihydro-6-(4-methyl-1-piperazinyl)-1-[[4-(4-pyridinyl)-1-naphthalenyl]acetyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} H_2C = CH & CH_2 \\ \hline N & C = 0 \end{array}$$

216058-45-6 CAPLUS RN

1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-CN[5-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN

216058-46-7 CAPLUS 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[5-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME) CN

RN 216058-47-8 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-6-quinolinyl- (9CI) (CA INDEX NAME)

RN 216058-48-9 CAPLUS

CN Carbamic acid, [4-[[[5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-1H-indol-1-yl]carbonyl]amino]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 216058-49-0 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-6-quinolinyl- (9CI) (CA INDEX NAME)

RN 216058-53-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-

6-quinolinyl- (9CI) (CA INDEX NAME)

RN 216058-54-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)

RN 216058-55-8 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(2-pyrimidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-56-9 CAPLUS

CN 1H-Indole-1-carboxamide, N-(3-benzoylphenyl)-5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} Me & C1 & O & \\ \hline & N & C-NH & \\ \hline & & \\ & &$$

RN 216058-57-0 CAPLUS

CN 1H-Indole-1-carboxamide, N-(4-benzoylphenyl)-5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \begin{array}{c|c} C1 & \begin{array}{c} O \\ \end{array} \\ N \end{array} \\ \begin{array}{c} C-\text{Ph} \end{array}$$

RN 216058-58-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(2-methyl-6-quinolinyl)- (9CI) (CA INDEX NAME)

RN 216058-59-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-N-[4-(2-furanyl)phenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-60-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(2-thienyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-61-6 CAPLUS

CN 1H-Indole, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-1-[[5-(4-pyridinyl)-1-naphthalenyl]acetyl]- (9CI) (CA INDEX NAME)

RN 216058-62-7 CAPLUS
CN 1H-Indole, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-1-[[5-(4-pyridinyl)-1-naphthalenyl]acetyl]- (9CI) (CA INDEX NAME)

RN 216058-63-8 CAPLUS
CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N[4-(1-methyl-4-piperidinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216058-64-9 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[4-(2-methyl-4-oxazolyl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{C1} & \text{O} & \text{N} \\ \hline \text{N} & \text{N} & \text{C} & \text{NH} & \text{O} \end{array}$$

RN 216058-65-0 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(2-methyl-4-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-66-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(2-methyl-4-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-67-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-N-[4-(2,6-dimethyl-4-pyridinyl)phenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-68-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-[4-(2,6-dimethyl-4-pyridinyl)phenyl]-. 2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-69-4 CAPLUS

CN 1H-Indole-1-carboxamide, N-[4-(2,6-dimethyl-4-pyridinyl)phenyl]-2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-70-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-N-[4-(2,6-dimethyl-3-pyridinyl)phenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-71-8 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-[4-(2,6-dimethyl-3-pyridinyl)phenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-72-9 CAPLUS

CN 1H-Indole-1-carboxamide, N-[4-(2,6-dimethyl-3-pyridinyl)phenyl]-2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-73-0 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[4-(5-methyl-1,2,4-oxadiazol-3-yl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-74-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[4-(3-methyl-1,2,4-oxadiazol-5-yl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-75-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[3-(2-pyrimidinyloxy)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-76-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N[4-(methyl-2-pyrimidinylamino)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-77-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-[4-(2-furanyl)phenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-78-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(3-thienyl)phenyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{Cl} & \text{O} \\ \hline & \text{N} & \text{C} & \text{NH} \\ \hline \end{array}$$

RN 216058-79-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(2-thiazolyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-80-9 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(2-thiazolyl)phenyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{Cl} & \text{O} & \text{N} \\ \hline & \text{N} & \text{C-NH} & \text{S} \\ \end{array}$$

RN 216058-81-0 CAPLUS

CN 1H-Indole-1-carboxamide, N-[4-(5-acetyl-2-thienyl)phenyl]-5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-82-1 CAPLUS

CN 1H-Indole, 1-[(5-bromo-1-naphthalenyl)acetyl]-5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-83-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(8-phenyl-5-quinolinyl)- (9CI) (CA INDEX NAME)

RN 216058-84-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(8-phenyl-5-quinolinyl)- (9CI) (CA INDEX NAME)

RN 216058-85-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[2-(2-phenylethyl)-6-quinolinyl]- (9CI) (CA INDEX NAME)

RN 216058-86-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[5-(1-methyl-4-piperidinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216058-87-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-N-[4-(4-isoquinolinyl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-88-7 CAPLUS
CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[4-(4-isoquinolinyl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216058-89-8 CAPLUS
CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N[4-(3-quinolinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-90-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(3-quinolinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-91-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(1,2,3,4-tetrahydro-2-methyl-7-isoquinolinyl)- (9CI) (CA INDEX NAME)

RN 216058-92-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(1,2,3,4-tetrahydro-2-methyl-7-isoquinolinyl)- (9CI) (CA INDEX NAME)

RN 216058-93-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(8-quinolinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-94-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(8-quinolinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-95-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[4-(1H-imidazol-1-yl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{C1} & \text{O} & \text{N} \\ \hline & \text{N} & \text{C} & \text{NH} \\ \end{array}$$

RN 216058-96-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(4-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216058-97-8 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-(8-phenyl-5-quinolinyl)- (9CI) (CA INDEX NAME)

RN 216058-98-9 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(8-phenyl-4-quinolinyl)- (9CI) (CA INDEX NAME)

RN 216058-99-0 CAPLUS
CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(8-phenyl-4-quinolinyl)- (9CI) (CA INDEX NAME)

RN 216059-00-6 CAPLUS CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-(8-phenyl-4-quinolinyl)- (9CI) (CA INDEX NAME)

216059-01-7 CAPLUS RN

1H-Indole-1-carboxamide, 5-chloro-N-[4-(2,6-dimethyl-4-pyridinyl)-3-CNmethylphenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) NAME)

RN216059-02-8 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[3-methyl-4-(6-methyl-2pyridinyl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

216059-03-9 CAPLUS RN

216059-03-9 CAPLOS
1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-N-[3-methyl-4-(6-methyl-2-CNpyridinyl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME) .

RN 216059-04-0 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[3-methyl-4-(6-methyl-2-pyridinyl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-05-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[5-(6-methyl-2-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN 216059-06-2 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-[5-(6-methyl-2-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME)

RN216059-07-3 CAPLUS

1H-Indole-1-carboxamide, 5-chloro-6-(4-ethyl-1-piperazinyl)-2,3-dihydro-N-[4-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME) CN

RN

216059-08-4 CAPLUS 1H-Indole-1-carboxamide, 5-chloro-6-(4-ethyl-1-piperazinyl)-2,3-dihydro-N-[5-(4-pyridinyl)-1-naphthalenyl]- (9CI) (CA INDEX NAME) CN

RN 216059-09-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(1-piperazinyl)-N-[4-(4-pyridinyl)-1-naphthalenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 216059-10-8 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(1-piperazinyl)-N-[5-(4-pyridinyl)-1-naphthalenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

) HCl

RN 216059-11-9 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(3-pyridazinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-12-0 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(3-pyridazinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-13-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(4-pyrazinylphenyl)- (9CI) (CA INDEX NAME)

RN 216059-14-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(4-pyrazinylphenyl)- (9CI) (CA INDEX NAME)

RN 216059-15-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(6-phenyl-3-pyridinyl)- (9CI) (CA INDEX NAME)

RN 216059-16-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-(6-phenyl-3-pyridinyl)- (9CI) (CA INDEX NAME)

RN 216059-17-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(6-methyl-3-pyridazinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-18-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(6-methyl-3-pyridazinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-19-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(3-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{C1} & \text{O} \\ \text{N} & \text{N} & \text{C} & \text{NH} \end{array}$$

RN 216059-20-0 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[4-(5-methyl-2-oxazolyl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-21-1 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[4-(5-methyl-2-oxazolyl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-22-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-N-[4-(5-methyl-2-oxazolyl)phenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-23-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(1-methyl-1H-pyrazol-4-yl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-24-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(1-methyl-1H-pyrazol-4-yl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-25-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-N-(4'-cyano-3'-methyl[1,1'-biphenyl]-4-yl)-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-26-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-(4'-cyano-3'-methyl[1,1'-biphenyl]-4-yl)-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-27-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(6-methyl-3-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{C1} \\ \hline & \text{N} & \text{C-NH} \\ \hline \end{array}$$

RN 216059-28-8 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[4-(6-methyl-3-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-29-9 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[5-(5-methyl-1,2,4-oxadiazol-3-yl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

# ● HCl

RN 216059-32-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[5-(5-methyl-2-oxazolyl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 216059-33-5 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[5-(5-methyl-2-oxazolyl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

HCl

RN 216059-34-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(2-pyrimidinyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

10/089013.

### ● HCl

RN 216059-35-7 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(2-pyrimidinyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

### ● HCl

RN 216059-36-8 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N[3-methyl-4-(2-pyrimidinyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

#### HCl

RN 216059-37-9 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N[3-methyl-4-(5-pyrimidinyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

● HC]

RN 216059-38-0 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(5-pyrimidinyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

HCl

RN 216059-39-1 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(5-pyrimidinyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 216059-40-4 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-[4-(2,6-dimethyl-4-pyridinyl)-3-methylphenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-41-5 CAPLUS

CN 1H-Indole-1-carboxamide, N-[4-(2,6-dimethyl-4-pyridinyl)-3-methylphenyl]-2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-42-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-N-[5-(2,6-dimethyl-4-pyridinyl)-1-naphthalenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-43-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-N-[5-(2,6-dimethyl-4-pyridinyl)-1-naphthalenyl]-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-44-8 CAPLUS

CN 1H-Indole-1-carboxamide, N-[5-(2,6-dimethyl-4-pyridinyl)-1-naphthalenyl]-2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-45-9 CAPLUS

CN 1H-Indole-1-carboxamide, N-[4-(2,6-dimethyl-3-pyridinyl)-3-methylphenyl]-2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-46-0 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N[3-methyl-4-(2-thiazolyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

### ● HCl

RN 216059-47-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(2-thiazolyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

## ● HCl

RN 216059-48-2 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl).N-[3-methyl-4-(2-thiazolyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

### HC1

RN 216059-49-3 CAPLUS

CN 1H-Indole-1-carboxamide, N-(5-acetyl-1-naphthalenyl)-5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 216059-50-6 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N[5-(2-pyrimidinyloxy)-1-naphthalenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 216059-51-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[5-(5-pyrimidinyl)-1-naphthalenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

HCl

RN 216059-52-8 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-[5-(5-pyrimidinyl)-1-naphthalenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 216059-53-9 CAPLUS
CN 1H-Indole-1-carboxamide, 5-chloro-N-(5-cyano-1-naphthalenyl)-2,3-dihydro-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-57-3 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[5-(5-methyl-2-oxazolyl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-58-4 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[5-(5-methyl-2-oxazolyl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216059-59-5 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(2-pyrimidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-60-8 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(2-pyrimidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-61-9 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(2-pyrimidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-62-0 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-

[3-methyl-4-(5-pyrimidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-63-1 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(5-pyrimidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216059-64-2 CAPLUS

CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-N-[3-methyl-4-(5-pyrimidinyl)phenyl]- (9CI) (CA INDEX NAME)

RN 216060-67-2 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[5-(3-methyl-1,2,4-oxadiazol-5-yl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

HCl

RN 216060-68-3 CAPLUS
CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[5-(3-methyl-1,2,4-oxadiazol-5-yl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 216060-69-4 CAPLUS
CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-N-[5-(3-methyl-1,2,4-oxadiazol-5-yl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

## ● HCl

RN 216060-70-7 CAPLUS
CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-[5-(3-methyl-1,2,4-oxadiazol-5-yl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216060-71-8 CAPLUS
CN 1H-Indole-1-carboxamide, 2,3-dihydro-5-methoxy-N-[5-(3-methyl-1,2,4-oxadiazol-5-yl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 216060-72-9 CAPLUS

CN 1H-Indole-1-carboxamide, 5-bromo-2,3-dihydro-N-[5-(3-methyl-1,2,4-oxadiazol-5-yl)-1-naphthalenyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

IT 216059-85-7P 216060-20-7P 216060-21-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of indole derivs. having combined 5HT1A, 5HT1B, and 5HT1D receptor antagonist activity)

RN 216059-85-7 CAPLUS

CN 1H-Indole-1-carboxamide, 5-chloro-2,3-dihydro-N-(4-iodophenyl)-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \text{Cl} & \text{O} \\ \hline & \text{N} & \text{C-NH} \end{array}$$

RN 216060-20-7 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[5-chloro-2,3-dihydro-1-[[[4-(4-pyridinyl)-1-naphthalenyl]amino]carbonyl]-1H-indol-6-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 216060-21-8 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[5-chloro-2,3-dihydro-1-[[[5-(4-pyridinyl)-1-naphthalenyl]amino]carbonyl]-1H-indol-6-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L4
     ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS
     1998:709065 CAPLUS
AN
DN
     129:330740
TI
     Preparation of bicyclic aryl or bicyclic heterocyclic ring containing
     (4-methylpiperazin-1-yl)phenyl compounds having a combined 5HT1A, 5HT1B
     and 5HT1D receptor antagonistic activity
IN
     Gaster, Laramie Mary; Wyman, Paul Adrian
PA
     Smithkline Beecham PLC, UK
     PCT Int. Appl., 42 pp.
SO
     CODEN: PIXXD2
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                                                             DATE
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                            19980126
     WO 1998-EP2265
                       W
                            19980414
OS
     MARPAT 129:330740
GI
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
     The title compds. [I; R1 = II, III (P1 = bicyclic aryl, bicyclic
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- AB' heterocyclic ring contg. 1-3 heteroatoms selected from O, N and S; P2, P3 = Ph, bicyclic aryl, 5-7 membered heterocyclic ring contg. 1-3 heteroatoms selected from O, N and S, or bicyclic heterocyclic group contg. 1-3 heteroatoms selected from O, N or S, providing that at least one of P2 and P3 = bicyclic aryl or bicyclic heterocyclic group; R11 = H, halo, C1-6 alkyl, etc.; R12, R13 = H, halo, C1-6 alkyl, etc.; a, b = 1-3; A = a bond, O, CH2, etc.); L = C(V)DG, DGC(V), YC(V)DG1; V = O, S; D = N, C, CH; G and G1 = H, C1-6 alkyl; Y = NH, NR5 (wherein R5 = C1-6 alkyl), CH2, O; X = N, C; R2, R3 = H, halo, OH, etc.; R4 = H, C1-6 alkyl], useful as CNS agents, were prepd. Thus, treatment of 4-(pyridin-4-yl)naphth-1-ylamine with triphosgene in the presence of Et3N in CH2Cl2 followed by the addn. of a soln. of 4-chloro-3-(4-methylpiperazin-1-yl)aniline in CH2Cl2 afforded 27% IV which showed pKi of > 8.0 at 5-HT1A, 5-HT1B and 5HT1D receptors.
- IT215162-87-1P RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of bicyclic aryl or bicyclic heterocyclic ring contg. (4-methylpiperazin-1-yl)phenyl compds. having a combined 5HT1A, 5HT1B and 5HT1D receptor antagonistic activity)

RN 215162-87-1 CAPLUS

1H-Indole, 5-bromo-2,3-dihydro-6-(4-methyl-1-piperazinyl)-1-[[5-(4-methyl-1-piperazinyl]-1-[[5-(4-methyl-1-piperazinyl)-1-[[5-(4-methyl-1-piperazinyl]-1-[[5-(4-methyl-1-piperazinyl]-1-[[5-(4-methyl-1-piperazinyl]-1-[[5-(4-methyl-1-piperazinyl]-1-[[5-(4-methyl-1-piperazinyl]-1-[[5-(4-methyl-1-piperazinyl]-1-[[5-(4-methyl-1-piperazinyl]-1-[[5-(4-methyl-1-piperazinyl]-1-[[5-(4-methyl-1-piperazinyl]-1-[ CN pyridinyl)-1-naphthalenyl]carbonyl]- (9CI) (CA INDEX NAME)

10/089013

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L4
     ANSWER 7 OF 7 CAPLUS
                             COPYRIGHT 2003 ACS
ΑN
     1995:701901 CAPLUS
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TI
     Preparation of piperazinylindoles and -indolines as 5-HTld receptor
     antagonists
     Gaster, Laramie Mary; Duckworth, David Malcolm; Jenkins, Sarah Margaret;
IN
     Wyman, Paul Adrian
PA
     SmithKline Beecham PLC, UK
     PCT Int. Appl., 24 pp.
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     CODEN: PIXXD2
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os
     MARPAT 123:83390
GI
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AB The title compds. I [R = (un) substituted Ph, biphenyl or a 5 to 7-membered heterocyclic ring contg. 1-3 heteroatoms selected from N, O or S; R3 = H, halo, HO, C1-6 alkoxy or alkyl; n = 1, 2; R4 = H, C1-6 alkyl; B = CHR9CH10, CR9:C10; R9, R10 = H, C1-6 alkyl], 5-HT1d receptor antagonists useful at 1.0-200 mg/2-3 times a day, is described. Thus piperazinylindoline II (R= H), prepd. in 3 steps from 4-methoxy-3-(4-methyl-1-piperazinyl) benzenamine and acetaldehyde, was acylated with a benzoyl chloride to give benzoylindoline II (R = 4-bromo-3-methylbenzoyl).

IT 165381-72-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of piperazinylindoles and -indolines as 5-HT1d receptor antagonists)

## 10/089013

165381-72-6 CAPLUS RN

CN1H-Indole, 1-(4-bromo-3-methylbenzoyl)-2,3-dihydro-5-methoxy-6-(4-methyl-1piperazinyl) - (9CI) (CA INDEX NAME)

IT 165381-73-7P 165381-74-8P 165381-75-9P 165381-76-0P 165381-77-1P 165381-78-2P

165381-79-3P 165381-80-6P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of piperazinylindoles and -indolines as 5-HT1d receptor antagonists)

RN

165381-73-7 CAPLUS 1H-Indole, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-1-[3-methyl-4-CN(4-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)

RN

165381-74-8 CAPLUS 1H-Indole, 1-(4-bromo-3-methylbenzoyl)-5-methoxy-6-(4-methyl-1-CNpiperazinyl) - (9CI) (CA INDEX NAME)

RN 165381-75-9 CAPLUS
CN 1H-Indole, 1-[(5-bromo-4-methoxy-3-thienyl)carbonyl]-2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 165381-76-0 CAPLUS CN 1H-Indole, 2,3-dihydro-5-methoxy-6-(4-methyl-1-piperazinyl)-1-(4-phenoxybenzoyl)- (9CI) (CA INDEX NAME)

RN 165381-77-1 CAPLUS CN 1H-Indole, 2,3-dihydro-5-methoxy-1-[[2'-methyl-4'-(5-methyl-1,2,4oxadiazol-3-yl)[1,1'-biphenyl]-4-yl]carbonyl]-6-(4-methyl-1-piperazinyl)(9CI) (CA INDEX NAME)

RN 165381-78-2 CAPLUS
CN 1H-Indole, 5-methoxy-1-[[2'-methyl-4'-(5-methyl-1,2,4-oxadiazol-3-yl)[1,1'-biphenyl]-4-yl]carbonyl]-6-(4-methyl-1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 165381-79-3 CAPLUS
CN 1H-Indole, 2,3-dihydro-5-methoxy-1-[[2'-methyl-4'-(5-methyl-1,2,4-oxadiazol-3-yl)[1,1'-biphenyl]-4-yl]carbonyl]-6-(1-piperazinyl)- (9CI) (CA INDEX NAME)

RN 165381-80-6 CAPLUS
CN 1H-Indole, 2,3-dihydro-5-methoxy-1-[[2'-methyl-4'-(5-methyl-1,2,4-oxadiazol-3-yl)[1,1'-biphenyl]-4-yl]carbonyl]-6-(1-piperazinyl)-, hydrochloride (9CI) (CA INDEX NAME)

## 10/089013

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FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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